

The Oscillator

The Club...wants to be instrumental in helping the prospective and established Amateur to become a proficient communicator in the Amateur Radio Service.

Oregon Tualatin Valley Amateur Radio Club

Est: 1978

An "X" on your mailing label this month means your membership has expired.

OTVARC Club SPOTLIGHT:

Events

- SEAPAC (June 13-15, 2003)
- Travelers' Trips
- Technician Classes (March)
- Lunch Bunch
- Volunteer Exam Sessions
- Field Day
- Annual Christmas Dinner

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Bandwidth Issue Grows

Riley Hollingsworth told a ham audience that deliberately operating a wideband mode in a crowded spectrum is "shortsighted and rude," may be ignoring the "minimum bandwidth necessary" rule. If its use isn't accompanied by courtesy and common sense, he said, it will lead to pressure on the FCC to revise the Amateur Service rules.

The "Emission Standards" section of Part 97--specifically §97.307(a) and (b)--requires amateur transmissions to not occupy "more bandwidth than necessary for the information rate and emission type being transmitted, in accordance with good amateur practice" and to

"not cause splatter" on adjacent frequencies.

Hollingsworth said the bandwidth of a given signal is not easily determined by the average amateur transceiver--even one equipped with a band scope of some sort. He pointed out that the problems with apparent splatter can be aggravated by the use of a noise blanker on the receiving end. "Just because it sounds wide doesn't mean it is wide," he said, adding that he'd prefer the amateur community come up a way to accommodate such experimentation, because "a government solution will be worse than the problem."

THE PROGRAM

We start at 7:00 pm at the Beaverton Elks' Club, 3500 SW 104th Ave, Beaverton (1 block north of Canyon Road).

Shannon Miller N7APE will take us along for an adventure in Bunny Hunting.

Also, see AMATEUR RADIO TODAY: Amateur Radio's public service story, a 6 minute video to share with ham radio prospects.

Come early at 6:00 pm and get a no-host meal at the Elks' Buffet.

From the Bridge H. D. Landers WAØBRU

The Rickreall HAMFAIR is over. SEAPAC is closing in (June 13-15). Helpers are still needed. This is OUR club activity.

JD needs volunteers for Field Day. The public service events will be here soon. Organizers

are busy preparing. Have you decided what events you'll do this year?

I will be doing SEAPAC, Field Day, and the Rose Parade if there are no conflicts. I'm still

working on calendar for MS150 and Bridge Peddle. You don't have to volunteer for everything. If you can volunteer for one or two events there will be a big difference in that

See Bridge, P3

Many amateur radio operators are eligible for the Public Service Honor Roll

Many amateur radio operators are eligible for the Public Service Honor Roll and don't realize it! The PSHR acknowledges the work of those who are involved in traffic handling, net operations, on-the-scene emergency response public safety and support communications. It includes leadership and management roles within amateur radio public service communications and the ARRL Field Organization.

If you qualify for the PSHR in a given month, send your results to our Section Traffic Manager, Scott Gray W7IZ, or Section Manager, Marshall Johnson KK7CW.

Public Service Honor Roll Criteria

- ◇ Participating in a public service net: 1 point per session, 40 maximum.
- ◇ Handling formal message traffic/radiograms; 1 point per message handled.
- ◇ Serving in an ARRL sponsored volunteer position: Field Organization appointee, SM, NTS Net Manager, TCC Director, TCC member, NTS official, or appointee above Section level; 10 points each appointment/30 maximum.
- ◇ Participation in scheduled short-term public service events; 5 points per hour, no limit.
- ◇ Participation in an unplanned emergency response when the amateur radio operator is on scene; 5 points per hour, no max
- ◇ Providing and maintaining a digital system that handles ARRL radiograms and/or a Web page email list server oriented toward amateur radio public service; 10 points per item.

Amateurs that qualify for PSHR for 12 consecutive months will be awarded a certificate from ARRL Headquarters (18 of 24 qualifies as well).

See www.arrl.org/FandES/field/pshr for more information.

Club Events

An "X" on your mailing label this month means your membership has expired.

March 8: Western Washington Section Convention

March 12: Monthly Club Meeting at Beaverton Elks'

March 22: Lunch Bunch

March 26: Board Meeting, Everyone invited. TVR&R Station 67, 7:00 pm

April 9: Monthly Club Meeting at Beaverton Elks'

April 23: Board Meeting, Everyone invited. TVF&R Station 67, 7:00 pm

April 26: Lunch Bunch

April 30: Fifth Wednesday Contest, 8:00 pm

June 13 - 15: SEAPAC Northwestern Division ARRL Convention, Seaside, Oregon

June 29 - 30: Field Day '03

YLRL NET

The MINNOW NET is by and for YL amateur radio operators. It was created in 1963 and meets each Friday morning at 8:00 am local time on 3913

KHz. The Net Control varies monthly among the members. An affiliated net meets on Tuesdays at 10:00 am local on 14309 KHz.

There is an Annual Meeting and Picnic for those who chose to become members. Annual dues are \$5.00 and the year runs May to May. The twice-a-year newsletter gives details.

More? Contact Sara AB7PS at jean3@mindspring.com.

Field Day '03 Site Application Pending, JD Fort K7JDF

At 'deadline' we have not received official approval of our application to conduct Field Day 2003 at Hillsboro's Shute Park. We are confident our application will be considered in a very positive light since it was co-signed by The City of Hillsboro Emergency Manager, Sharon Kennedy AC7UK as well as Doug Hormann K7DJH of the Washington County Sheriff's Department.

I'm happy to report that OTVARC Trustee, Maureen

O'Rourke KA7LAP, has consented to help with Field Day '03, serving in the capacity of Assistant Chair.

We still need someone to act as our FCC RF Emissions Compliance Officer. Several have volunteered to help at our information booth but more would be welcome. Now is as good a time as any to speak up if you have a favorite band or time you would like to operate. We plan to have three hour shifts with a band captain and

two operators. Teams will be free to split up operating and logging duties as they see fit. Finally, we are still in need of lap top computers capable of operating Windows 95 in order to use our new logging software. So keep the weekend of June 28 and 29 available to immerse yourself in some serious operating and outreach to our local community. As always you can contact me at: k7jdf@arri.net or on the Club Repeaters in the afternoon. I much appreciate any and all

**We still need
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act as our
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Officer**

Bridge, from Page 1

event having a staff.

ARES is going to have QUAKEX '03 and a "no-notice" call out. ARES will need people during weekdays. Washington County ARES information is on the Web at www.washcoARES.org.

I might put Murphy to work and volunteer. See, the way Murphy works, if I volunteer I'll get a new job and have to work. Well it's worth a try!

I found out that Air Force MARS may be reactivating. ARMY and Navy MARS programs are looking for operators. Armed forces personnel now have many ways to communicate back home while they are overseas. The MARS program is still an important channel for them to get messages to and from home.

The February ILRP program was great and some of us have tried it. Remember to check out 440.45 PL 103.5. There is more than just getting on the air to ham radio. There are many programs like ARES, MARS, ILRP, ATV, Digital, and Nets, not to mention public service events.

We'd all like to read about your activities. Write them up and submit them for The Oscillator. Trying to sell a model 19 Teletype machine after computers have taken over the digital communications modes? I did get rid of it though was almost ready to pay someone to take it. Want to hear about it? I can write up a story. How about all of those special event shirts? Julie and I have 40 shirts.

I get questioning looks when I

tell people that I am using a Bumble Bee antenna. The antenna is a 150 ft length of #14 wire strung around the yard. It is low to the ground and runs through the trees and bushes. Almost everything about it is wrong, considering antenna theory. The amazing thing is **IT works**. I just worked into Kansas. From the apartment I worked Japan. Aeronautical design engineers say the Bumble Bee cannot fly -- but it does and so does my antenna.

See you at the March 12th Club Meeting.

73

Harold WA0BRU

**We'd all
like to
read
about your
activities**

AMATEUR RADIO TODAY: New Video Brochure

Dave Bell W6AQ, and a team of amateur radio operators around the country, have produced a new video to tell the amateur radio public service story. Entitled, **AMATEUR RADIO TODAY**, this six minute video has been professionally produced to tell our story to non-hams.

Narrated by Walter Cronkite KB2GSD, the video emphasizes ham radio response after September 11,

2001; ham radio's part in helping various agencies during the wildfires in the western US during 2002; and, ham radio in space educational initiatives.

The video has been prepared in both low-resolution and high-resolution versions so it can be shown on any computer using the Windows Media Player, Apple QuickTime, or RealPlayer. The files can be downloaded from the ARRL web at:

www.arrl.org/ARToday. The video is directed by Dave Bell W6AQ and was written by Alan Kaul W6RCL. Producers are Bill Pasternak WA6ITF and Bill Baker W1BKR. It was edited by Keith Glispie WA6TFD.

Amateur Radio Today will be shown at the March 12 meeting. Copies are available from the ARRL VHF tape copies can be ordered from the same site.

*Memberships in
OTVARC
are...
calendar
year*

Membership Renewal

Memberships in OTVARC are based on the calendar year. If you have an X on your mailing label, you have not renewed for 2003. If you're not a student or life member, your name will not appear in the 2003 Club Roster. The cure? Send your \$15 check (\$20 family) to the club address.

Beam Headings From The Web

Sometimes it's difficult and time consuming to calculate beam headings when working stations in the Continental US and Caribbean.

Mark Downing WM7D, offers a service on his WM7D.net site at <http://www.wm7d.net/azproj.shtml>.

Enter your coordinates. The site

will draw a map centered on your QTH and superimpose a Compass rose on it.

Print the map -- a color printer is best-- and you're all set. Now you're set to aim your beam.

Keep the map at hand and you can more easily identify the direction of open propagation as well.

Pacific Northwest DX Convention

The British Columbia DX Club will be hosting the Pacific Northwest DX Convention July 18-20, 2003. The event will be held in Burnaby BC at the Hilton Vancouver Metrotown. Speakers include Martti Laine OH2BH of Finland. Martti and his wife Leena OH2BE were

most recently stationed in Beijing, China. He has personally added ten new countries for the DX community in his lifetime of amateur radio. His dominance of CQWW has reached four decades of contest operation.

Information and registration data may be obtained at www.bcdxc.org. Early bird registration closes May 30, 2003, so be sure to include yours.

Remember, your US\$ is worth 50% more in Canada!

ARES Directory

Do you know who your emergency coordinator is? Here is your contact list for ARES information in Oregon Section, District 1:

Clackamas County

David Warner KA7IJK
djwarner@bctonline.com

Clatsop County

Frank Van Winkle KD7NNQ
Frank14@harborside.com

Columbia County

Martin Anderson KC7ILK
kc7ilkmartin@ados.com

Multnomah County

Eric Stepohenson KK7UE
kk7ue@hotmail.com

Tillamook County

Vacant – Pending Appointment

Washington County

Ben Johnson N7OGM
bentonj@coho.net

Yamhill County

Fred Rodley N7LQD
n7lqd@aol.com

District Emergency Coordinator

Craig Marquette KC7YOC
kc7yoc@arrrl.net

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Polish Ham at SEAPAC

Candy Okulicz SP5XAB will speak at the YLRL Luncheon at SEAPAC '03. Candy has led YL DX-peditions and will talk about the friendships developed by them. She and her husband, Andy SP5SS, have made friends through their DX-pedition activity. Candy will report on their trip to St. Pierre and Miquelon in a territory of

France located in the North Atlantic 15 miles off the coast of Newfoundland.

Candy is scheduled to be the speaker at the YLRL Luncheon. Make your reservations on the SEPAC Registration form.

Go to www.seapac.org for more information on SEAPAC '03.

VE News

Your VE team held a session on Saturday 1 February at Ronler Acres Fire Station.

We tested five applicants. The result was that we issued two Technician licenses, one General license upgrade and an Extra license upgrade.

Thanks to VEs Rich KD7GIE, Kevin KD5ONS, and David AC7NM.

Our next session is Saturday 5 April at 1:00 pm at Ronler Acres Fire Station. Contact me at ws7l@arrrl.net or 503.629.5796. 73, Carl WS7L

Lunch Bunch/Travelers

Join the LUNCH BUNCH at Izzy's Pizza, Broadway St, Beaverton on Saturday, March 22nd at 1:30 pm. Information? Julie at 503.646.1546 or kd7gqw@aol.com.

There will be NO TRAVELERS activity in March or April.

CLUB MEETING: MARCH 12TH

Web: WWW.OTVARC.ORG
w7otv@arrl.net
Simplex: 147.54 MHz
Repeaters: 146.96 MHz
440.350 MHz (127.3)
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Oregon Tualatin Valley
Amateur Radio Club



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CLUB INFORMATION

The Oregon Tualatin Valley Amateur Radio Club is a special service club related to ARRL: The National Association for Amateur Radio. We advance the Amateur Radio Service through:

- ⇒ Education and Training of new and licensed amateurs
- ⇒ Public Service and Emergency communication
- ⇒ Hobby nets, contests and meetings
- ⇒ Social events

Membership is available to anyone interested in amateur radio. A license is not required.

Membership dues are \$15/year; Family member(s) of full members at same address \$20/household; Full Time students and members of two years or more at age 70 or older (Life Members) are dues free. See Club Treasurer about purchase of life membership prior to age 70. If you wish to join during the year, dues are pro-rated.

Membership applications may be found on the Club Website or on request from the Treasurer.

The OSCILLATOR is published Monthly for members.

Happy March Birthday

- 2 JD Fort K7JDF
- 5 Greg Milnes W7OZ
- 6 Gene Buell KA7KBH
- 7 Everett Curry W6ABM
- 10 Geno Gray K7GY
Randy Stimson KZ7T
- 11 Warren Winner W7JDT
- 12 Ray Deeth K7VDQ
Dale LeBarron W7FBP
- 14 Paul Thutt KC7PMU
- 19 Will Hobbs W1O
- 22 Al Berg W7SIC
- 23 Bob Orr WF7Q
- 24 Ray Casey KB7YVN
Ira Rubin KF7QS
- 25 Jim Prihoda KD7SEW
- 27 Ron Kinder K7VMN
- 28 Arch Doty W7ACD